

**Amendments to the Claims:**

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1.(Currently Amended) A display device comprising:  
[[-]] a display panel-(1);  
[[-]] a light redirection element (8)-for directing light through the display panel-(1);  
[[-]] a light guide (6)-for directing light towards the light redirection element-(8);  
[[-]] a first light source (4)-coupled to the light guide (6)-so as to couple light into the light guide (6)-in a first direction; and  
[[-]] a second light source (5)-coupled to the light guide (6)-so as to couple light into the light guide (6)-in a second direction;  
wherein the light redirection element (8)-has a first groove structure (9)-and the light guide (8)-has a second groove structure-(7) facing the first groove structure, and the first and second groove structures (9, 7)-are arranged in a configuration operable to direct light from the first light source (4)-through the display panel (1)-with a first angular distribution (2)-and light from the second light source (5)-with a second angular distribution-(3) which is different from the first angular distribution.

2.(Currently Amended) A-The display device as claimed in claim 1, further comprising means for alternating between illumination of the first and second light sources (4, 5)-and means for alternating between displaying a first and a second image (21, 23)-on the display panel substantially synchronously with alternating between illumination (22, 24)-of the first and second light sources-(4, 5).

3.(Currently Amended) A-The display device as claimed in claim 1, wherein the first and second groove structures (401, 47) of the light redirection element (400) and the light guide (46) are arranged in an opposed configuration.

4.(Currently Amended) A-The display device as claimed in claim 1, wherein the first groove structure is a prism structure with a substantially triangular cross-section.

5.(Currently Amended) A-The display device as claimed in claim 4, wherein an angle (402) of the joining sides forming the triangular cross-section of the prism structure of the first groove structure (401) is between 10° and 70°.

6.(Currently Amended) A-The display device as claimed in claim 1, wherein the second groove structure (47) is a prism structure with a substantially triangular cross-section.

7.(Currently Amended) A-The display device as claimed in claim 6, wherein an angle (48) of the joining sides forming the triangular cross-section of the prism structure of the second groove structure is between 150° and 179°.

8.(Currently Amended) A-The display device as claimed in claim 1, wherein the first and second groove structures (9, 7) extend in a direction substantially perpendicular to an axis extending between the eyes (11, 12) of a user of the display panel when in use, when the display device is maintained in a position of use.

9.(Currently Amended) A-The display device as claimed in claim 1, wherein the light with the first angular distribution (51) is emitted in a first viewing area predominantly containing light from the first light source (4), and wherein the light with the second angular distribution (52) is emitted in a second viewing area predominantly containing light from the second light source (5).

10.(Currently Amended) A-The display device as claimed in claim 2, wherein the first and second images are a first and a second image of a 3D stereoscopic image.

11.(Currently Amended) A-The display device as claimed in claim 2, wherein the first image is dedicated for a first user (63) and the second image is dedicated for a second user (64), whereby at least the first and the second user can view different images from a single display device (60).

12.(Currently Amended) A display device as claimed in claim 10, comprising:  
a display panel;  
a light redirection element for directing light through the display panel;  
a light guide for directing light towards the light redirection element;  
a first light source coupled to the light guide so as to couple light into the light guide in a first direction; and

a second light source coupled to the light guide so as to couple light into the light guide in a second direction;

wherein the light redirection element has a first groove structure and the light guide has a second groove structure, and the first and second groove structures are arranged in a configuration operable to direct light from the first light source through the display panel with a first angular distribution and light from the second light source with a second angular distribution; and

wherein the first and second light sources (4, 5) are illuminated simultaneously, whereby a 2D image is displayed on the display device.

13.(Currently Amended) A-The display device as claimed in claim 12, wherein the display device comprises means for switching between illuminating the first and second light sources simultaneously, and illuminating the first and second light sources substantially synchronously with displaying the first and the second image on the display panel.

14.(Currently Amended) A-The display device as claimed in claim 1, wherein the first and second light sources are light-emitting diodes (LED) or cold cathode fluorescent lamps.

15.(Currently Amended) A-The display device as claimed in claim 1, wherein the display panel is a liquid crystal display (LCD) panel.

16.(Currently Amended) A-The display device as claimed in claim 15, wherein the first and second groove structures extend in a direction substantially perpendicular to the rows in an LCD panel.

17.(Currently Amended) A method of displaying data on a display device, the method comprising the steps-acts of:

[[ -]] coupling light from a first and a second light source (4, 5) into a light guide (6) so as to couple light from the first light source (4) into the light guide (6) in a first direction and light from the second light source (5) into the light guide (6) in a second direction;

[[ -]] redirecting the light coupled into the light guide towards a light redirection element by coupling light out of the light guide by an out-coupling surface having a second groove structure-~~(7)~~; and

[[ -]] further redirecting the light coupled into the light redirection element (8) by coupling light into the light redirection element (8) by an in-coupling surface having a first groove structure-~~(9)~~ facing the second groove structure, such that light from the first light source (4) is directed through the display panel (1) with a first angular distribution and light from the second light source (5) is directed through the display panel (1) with a second angular distribution which is different from the first angular distribution.

18.(Currently Amended) A-The method of displaying data on a display device as claimed in claim 17, wherein the first and second light sources (4, 5) are

alternately illuminated substantially synchronously with displaying a first and a second image on the display panel.

19.(New) The display device of claim 1, wherein the first groove structure is a first prism structure with a substantially first triangular cross-section having a first apex angle which is between  $10^{\circ}$  and  $70^{\circ}$ , and wherein the second groove structure is a second prism structure with a substantially second triangular cross-section having a second apex angle which is between  $150^{\circ}$  and  $179^{\circ}$ .

20.(New) The method of claim 17, wherein the first groove structure is a first prism structure with a substantially first triangular cross-section having a first apex angle which is between  $10^{\circ}$  and  $70^{\circ}$ , and wherein the second groove structure is a second prism structure with a substantially second triangular cross-section having a second apex angle which is between  $150^{\circ}$  and  $179^{\circ}$ .